Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

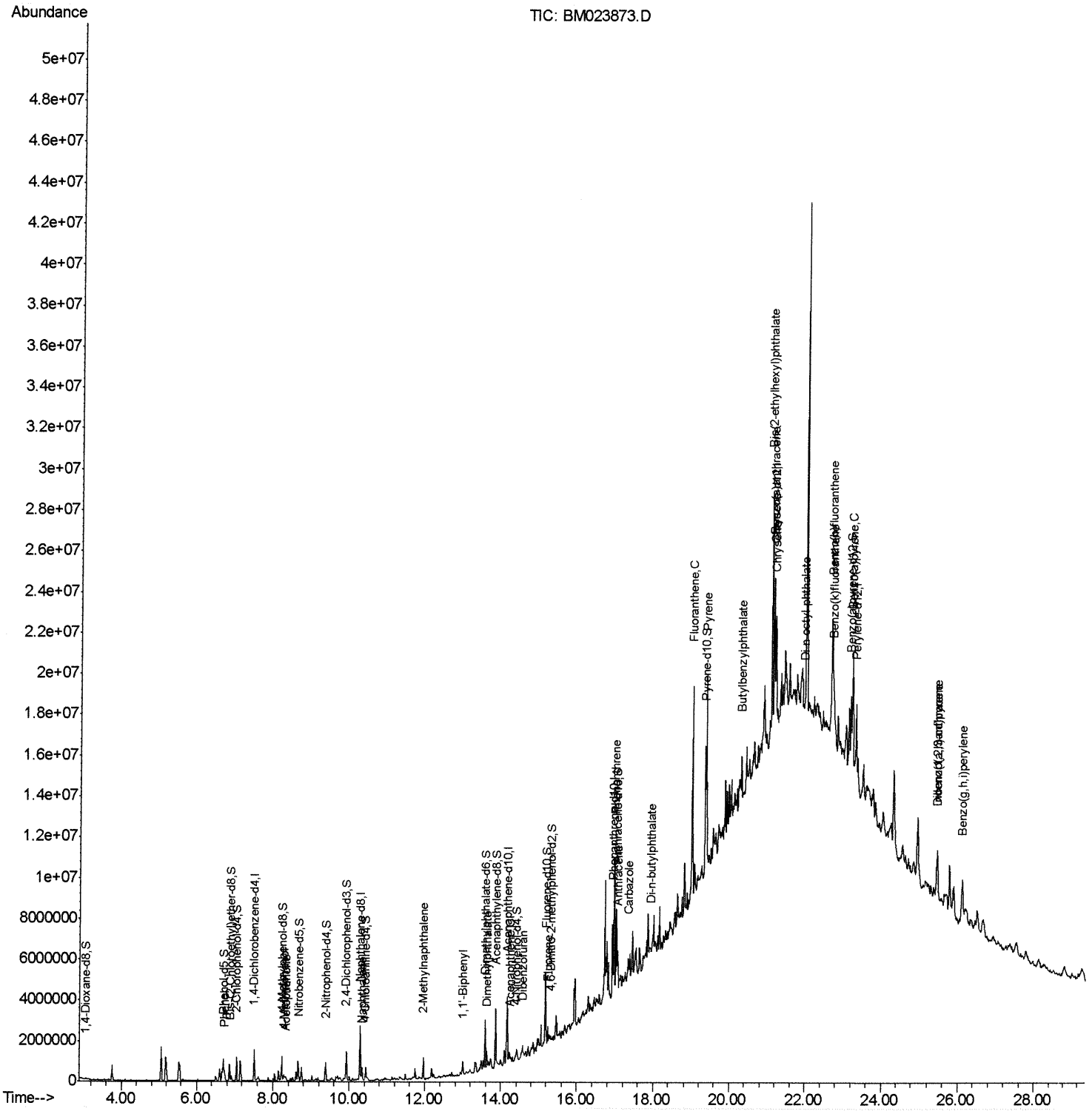
Quantitation Report (QT Reviewed)

Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 25 00:50:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

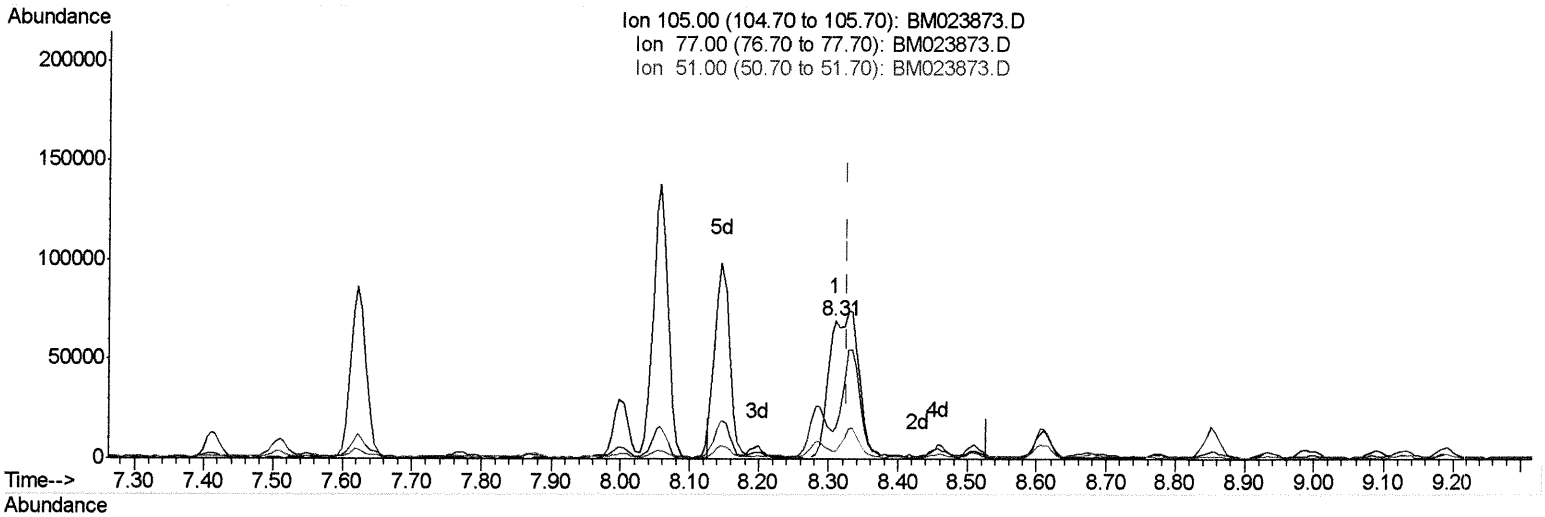
Quantitation Report (Qedit)

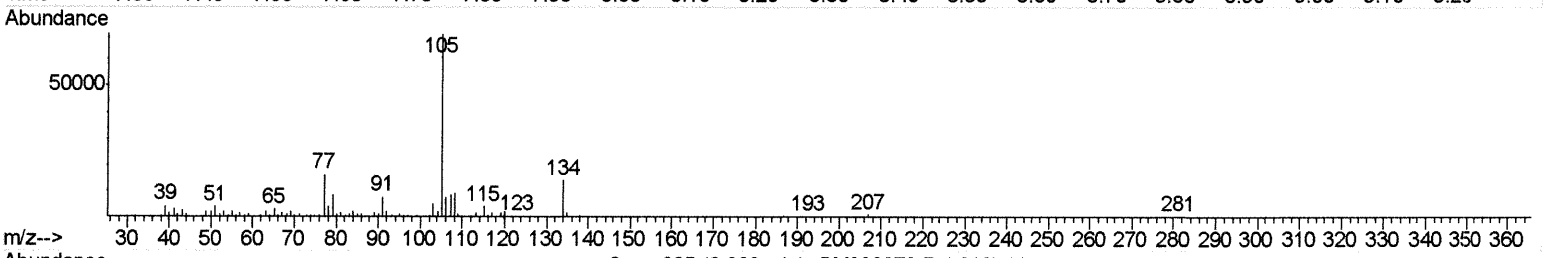
Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

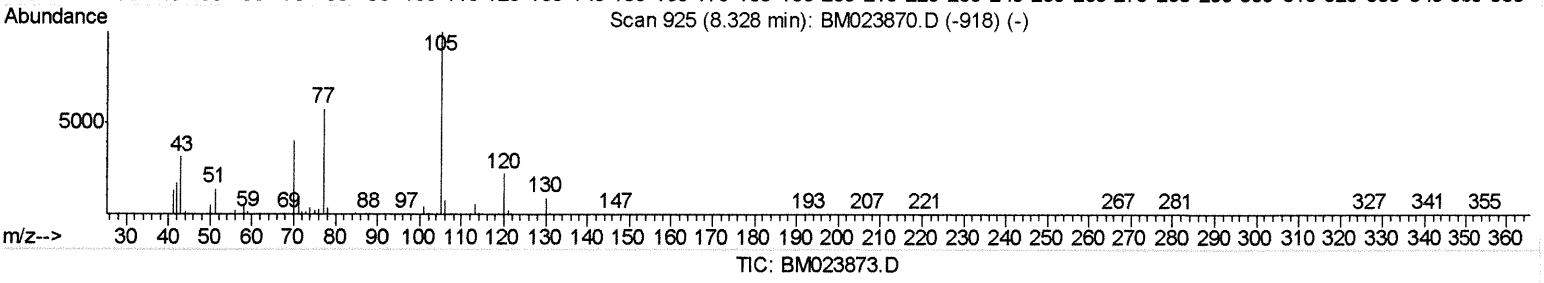
Quant Time: Nov 25 00:46:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM







TIC: BM023873.D

(14) Acetophenone

8.310min (-0.018) 1.96ng/ul

response 93895

Ion	Exp%	Act%
105.00	100	100
77.00	79.70	23.04#
51.00	20.40	5.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

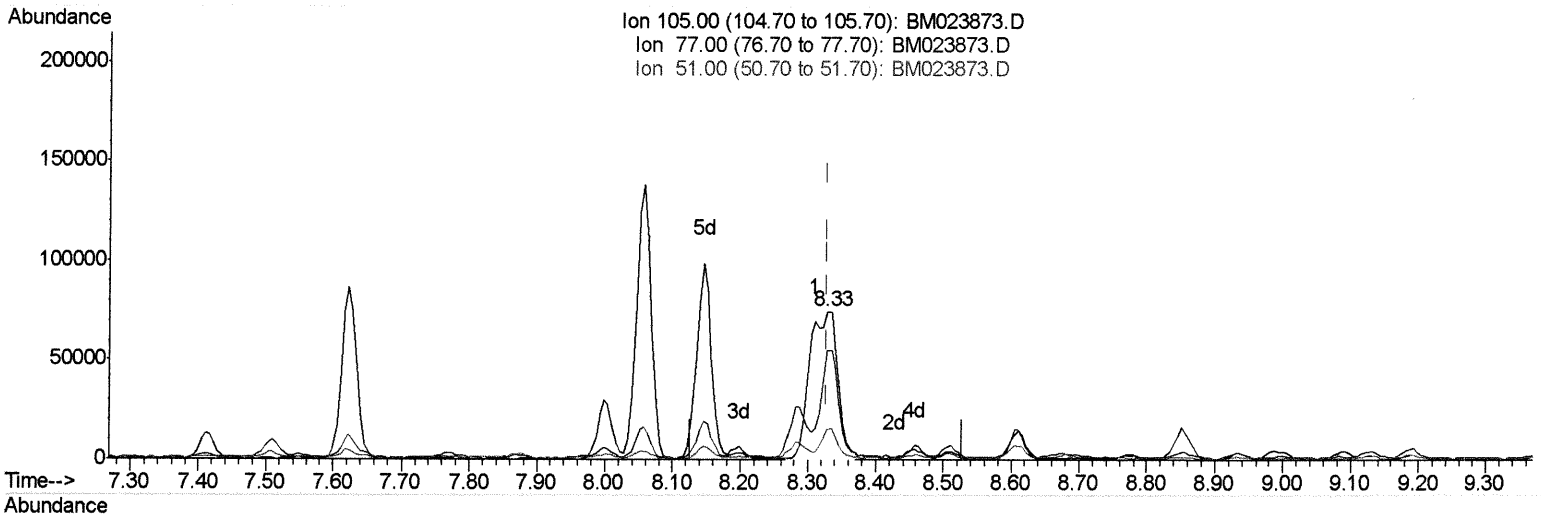
Quantitation Report (Qedit)

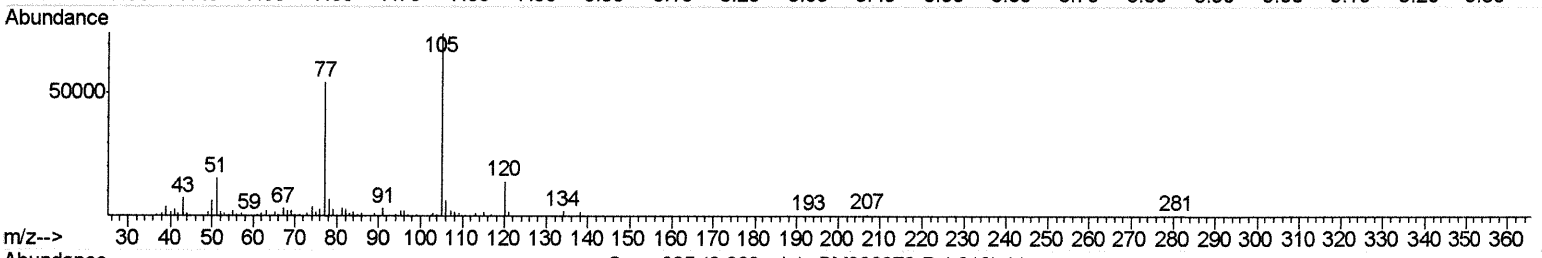
Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

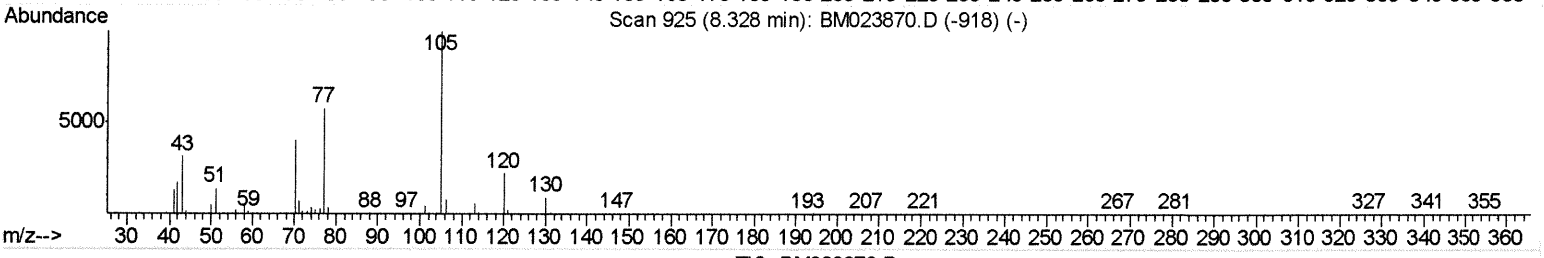
Quant Time: Nov 25 00:46:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM







TIC: BM023873.D

(14) Acetophenone

8.328min (-0.000) 4.51ng/ul m JU 11/25/19

response 216344

Ion	Exp%	Act%
105.00	100	100
77.00	79.70	73.11
51.00	20.40	20.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

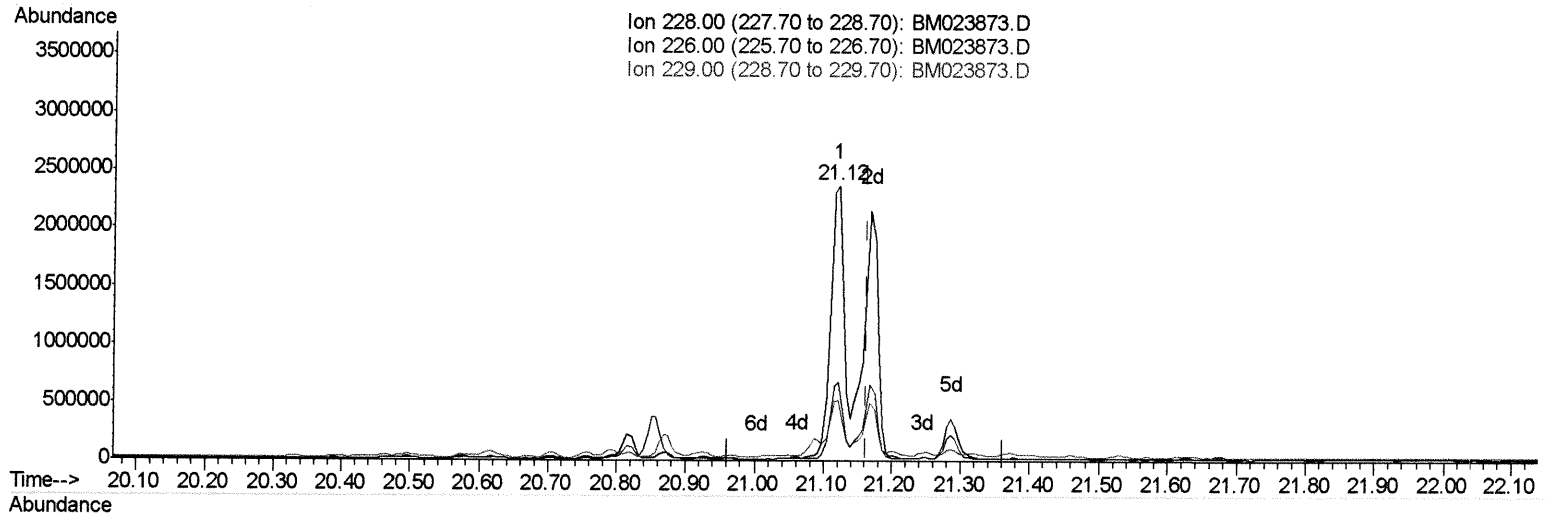
Quantitation Report (Qedit)

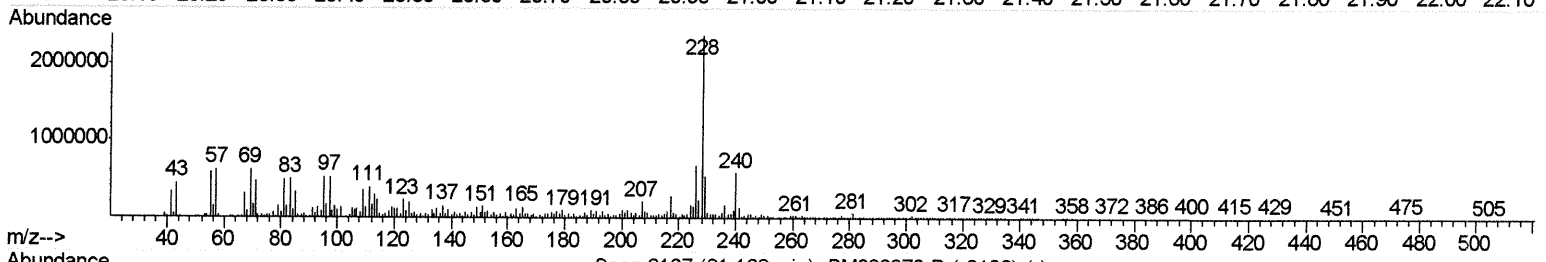
Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

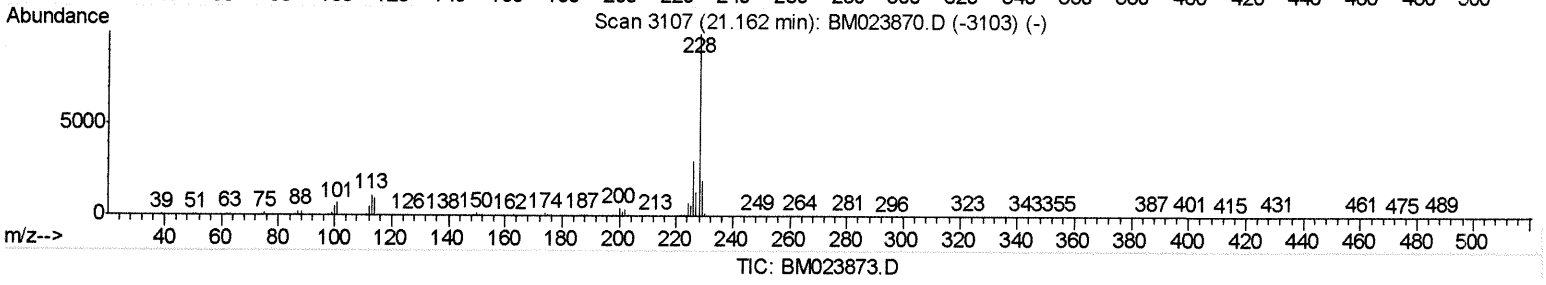
Quant Time: Nov 25 00:46:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM







TIC: BM023873.D

(85) Chrysene

21.121min (-0.041) 25.09ng/ul

response 3230846

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	28.52
229.00	19.70	22.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

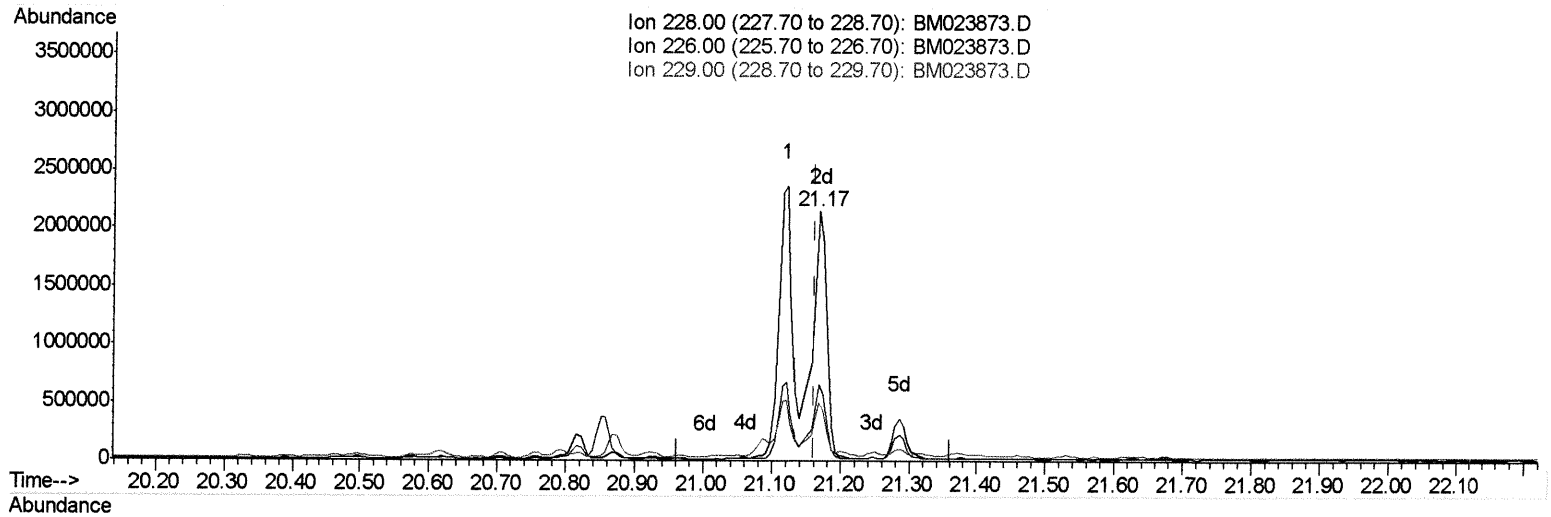
Quantitation Report (Qedit)

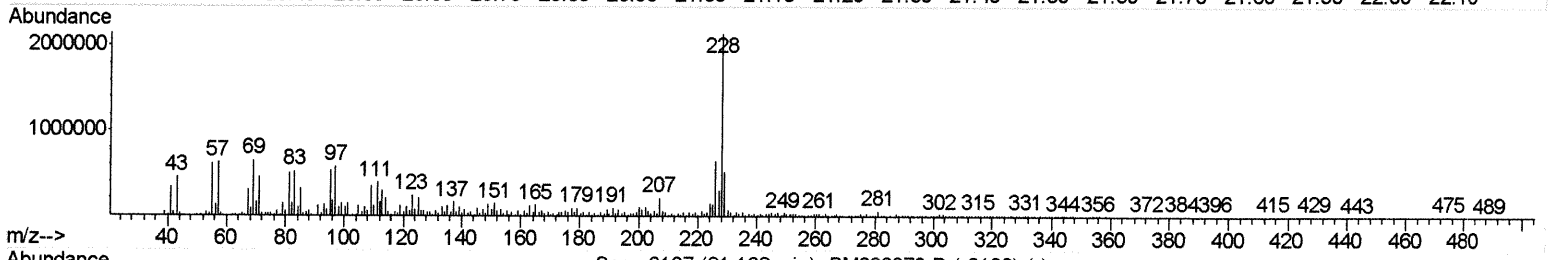
Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

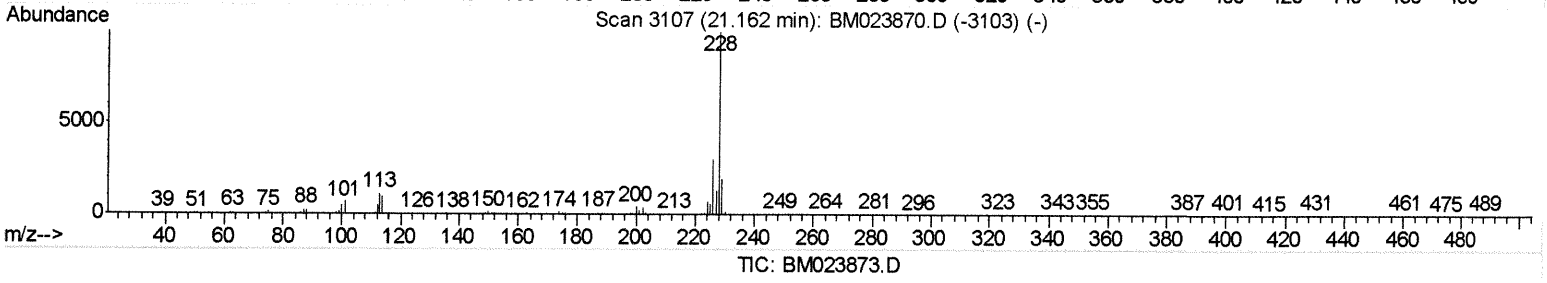
Quant Time: Nov 25 00:46:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM







TIC: BM023873.D

(85) Chrysene

21.168min (+0.006) 24.03ng/ul m JU 11/25/19

response 3093648

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	30.38
229.00	19.70	23.78#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

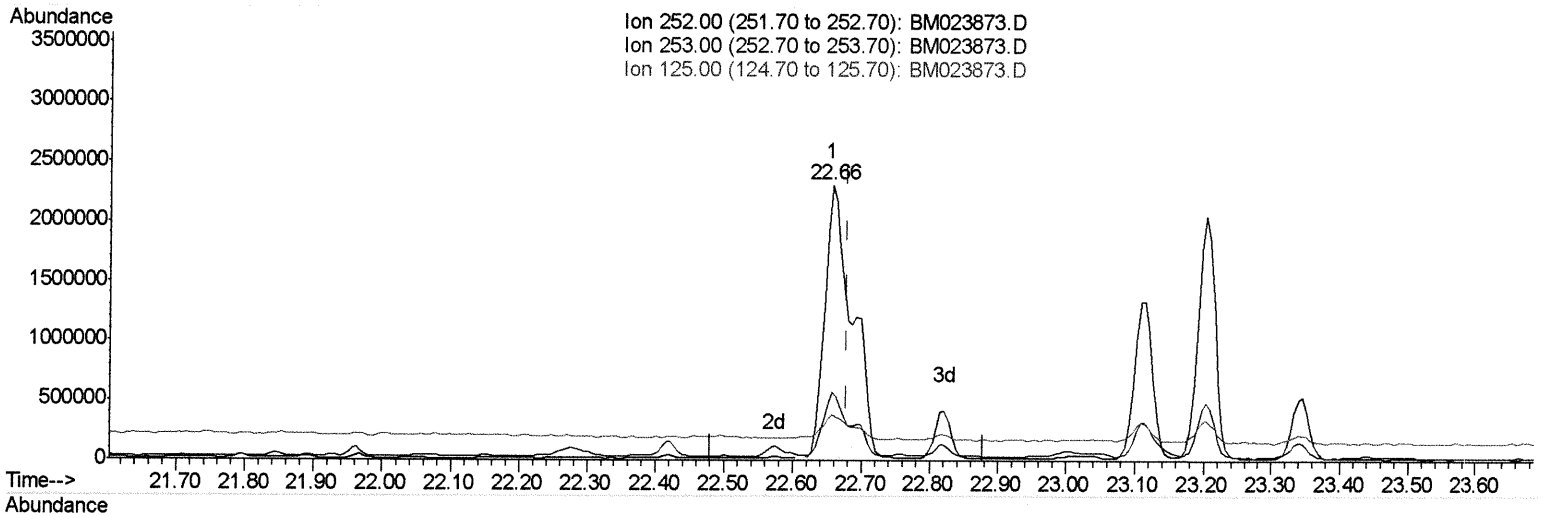
Quantitation Report (Qedit)

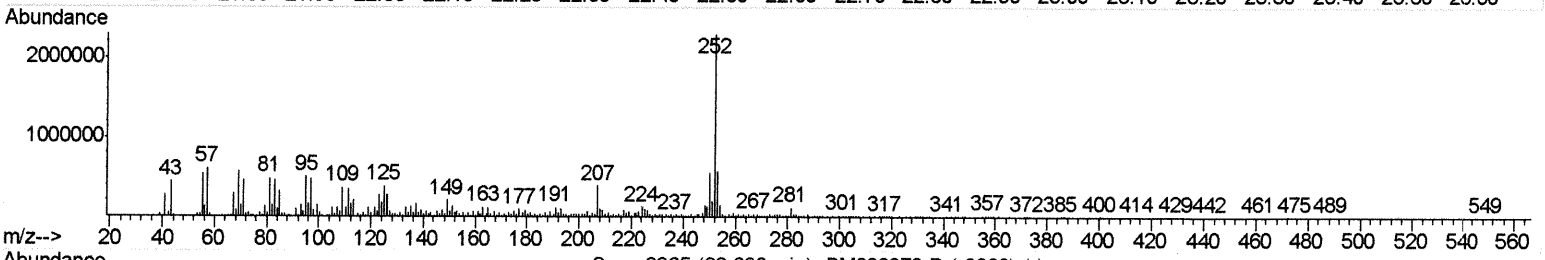
Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

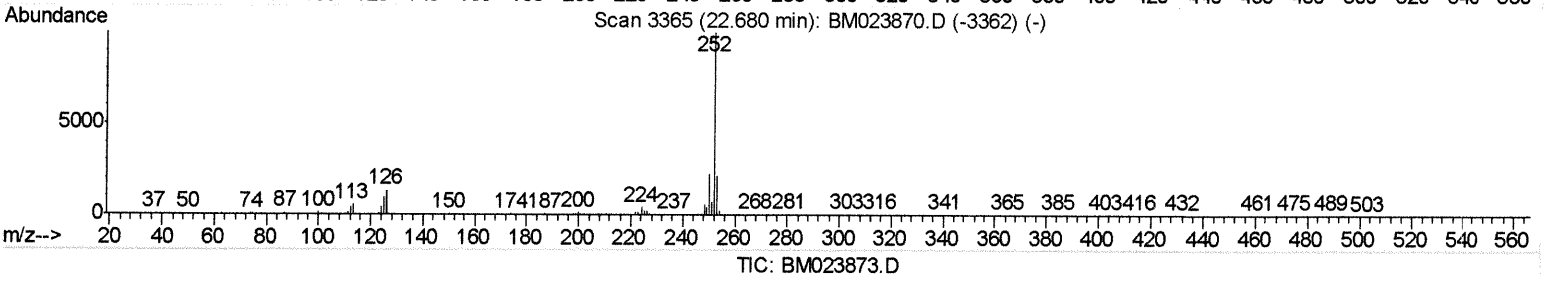
Quant Time: Nov 25 00:46:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM







TIC: BM023873.D

(89) Benzo(k)fluoranthene

22.656min (-0.024) 31.71ng/ul

response 5006165

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.92
125.00	7.40	16.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

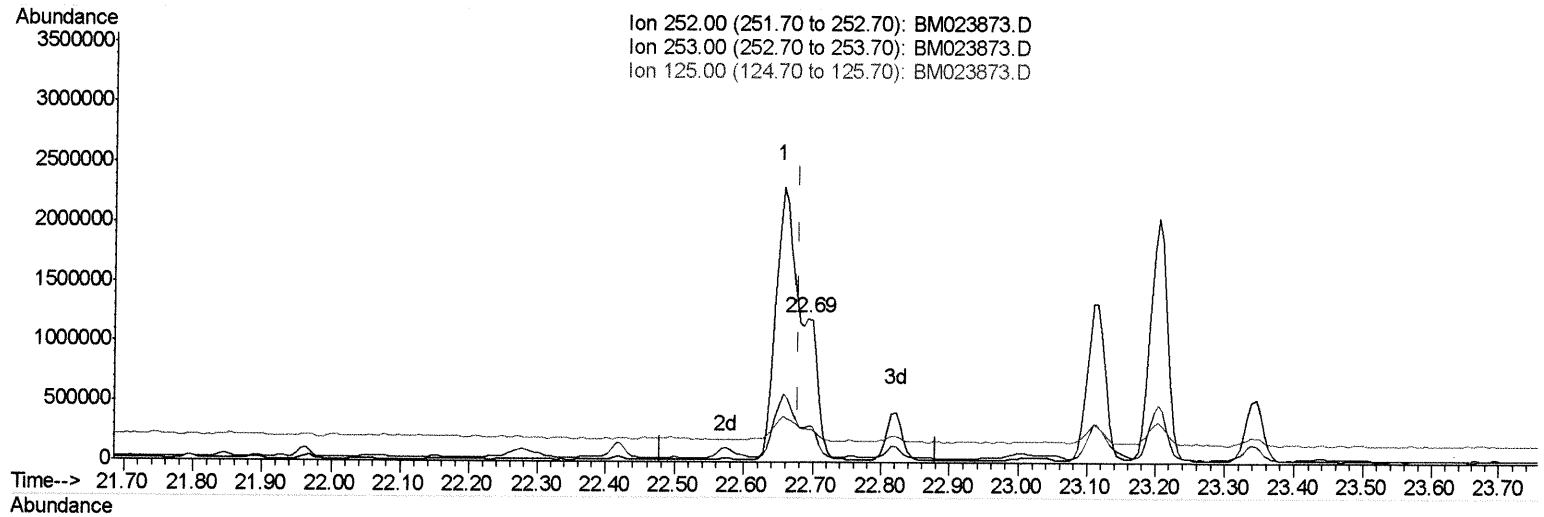
Quantitation Report (Qedit)

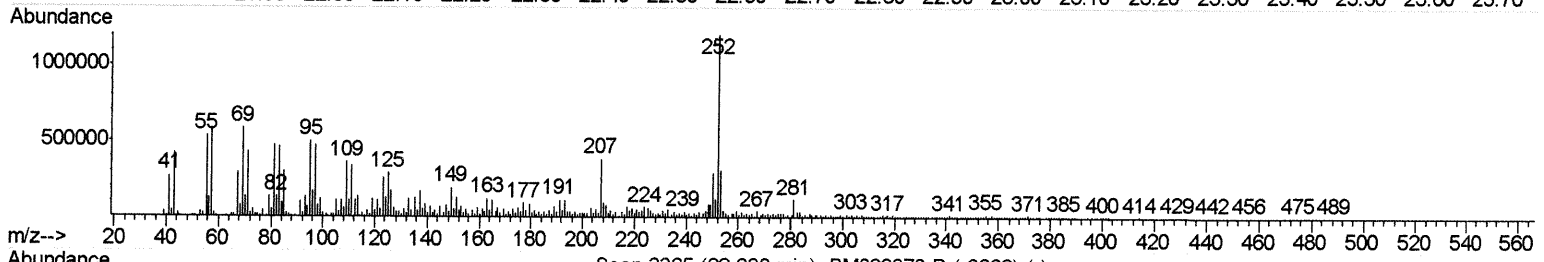
Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

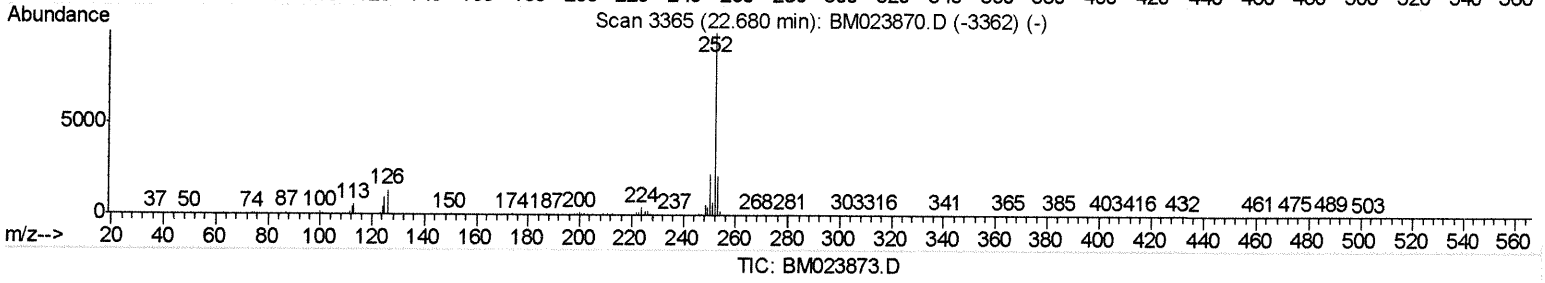
Quant Time: Nov 25 00:46:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM







TIC: BM023873.D

(89) Benzo(k)fluoranthene

22.691min (+0.012) 9.15ng/ul m JU 11/25/19

response 1444175

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	25.25
125.00	7.40	23.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

Quantitation Report (QT Reviewed)

Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 25 00:50:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	422677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1680452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1006679	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2006760	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2073550	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2570312	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27914	2.72	ng/uL	0.01
5) Phenol-d5	6.70	99	649723	16.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	373389	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	528663	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	488582	15.90	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	251307	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	286008	22.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	522172	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	441598	13.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1513133	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1869372	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	136259	10.17	ng/ul	0.01
58) Fluorene-d10	15.17	176	1357415	19.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	65022	5.60	ng/ul	0.00
71) Anthracene-d10	17.02	188	2092157	21.98	ng/ul	0.00
79) Pyrene-d10	19.33	212	2227450	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2887585	21.35	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.73	94	193316	4.870	ng/ul	96
14) Acetophenone	8.33	105	216344m >	4.513	ng/ul >	JU 11/25/19
16) 4-Methylphenol	8.29	108	118784	3.621	ng/ul	97
28) Naphthalene	10.33	128	485214	5.494	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	501240	7.419	ng/ul	96
41) 1,1'-Biphenyl	12.99	154	127692	1.644	ng/ul	99
45) Dimethylphthalate	13.63	163	549343	7.141	ng/ul	99
50) Acenaphthene	14.23	153	208861	3.263	ng/ul	98
54) Dibenzofuran	14.57	168	286424	3.023	ng/ul	98
59) Fluorene	15.23	166	324255	4.218	ng/ul#	94
70) Phenanthrene	16.97	178	3950430	35.739	ng/ul	99
72) Anthracene	17.06	178	1106091	9.952	ng/ul	97
75) Carbazole	17.33	167	498815	5.384	ng/ul#	87
76) Di-n-butylphthalate	17.91	149	220708	2.160	ng/ul#	86
77) Fluoranthene	19.00	202	6209510	52.434	ng/ul	97
80) Pyrene	19.36	202	5921377	44.179	ng/ul	99
81) Butylbenzylphthalate	20.28	149	479591	11.298	ng/ul	92
83) Benzo(a)anthracene	21.12	228	3185686	23.292	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.07	149	4741139	73.972	ng/ul	99
85) Chrysene	21.17	228	3093648m >	24.026	ng/ul >	JU 11/25/19
87) Di-n-octyl phthalate	21.93	149	190607	1.517	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	5006165	30.554	ng/ul#	90
89) Benzo(k)fluoranthene	22.69	252	1444175m >	9.149	ng/ul >	JU 11/25/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112219\

Quantitation Report (QT Reviewed)

Data File : BM023873.D
Acq On : 23 Nov 2019 00:58
Operator : JU
Sample : K5854-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:50 AM

Quant Time: Nov 25 00:50:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.20	252	3538556	23.591	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.44	276	2384049	14.864	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	627057	4.632	ng/ul#	73
94) Benzo(g,h,i)perylene	26.10	276	2351138	18.090	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed